

The present invention is to provide a recycle system of aqueous paint, wherein material balance is kept by controlling liquid amount within the recycle system when spray-coating. The system comprises:

5           coating an article to be coated with an aqueous paint in a water-  
curtain-type coating booth,  
          collecting an over-spray paint that does not adhere with the article by  
water-curtain,  
          sending the collected solution to a condensation bath through a  
10       booth circulation water bath,  
          separating it by a ultrafiltration apparatus into condensed paint and  
filtrate, the condensed paint being transferred to a paint tank, and  
          taking the condensed paint out of the paint tank if necessary to  
adjust, followed by coating it as an aqueous paint,  
15       wherein a total amount of liquid present within the recycle system is  
controlled constant during spray-coating.